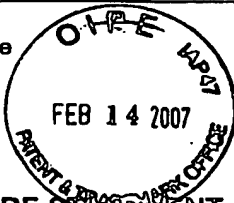


FORM PTO-1449 (modified)  
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Atty.  
Dkt. No.

M#

Client Ref.

081468

0305376

P-0362.010-US

Applicant: VAN BILSEN et al.

Appln. No.: 10/665,404

Filing Date: September 22, 2003

Examiner: Stephone B. Allen

Group Art Unit: 2878

Date: February 14, 2007

Page

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of

1

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

## U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	4,356,392	10/1982	Wittekoek et al.			
	BR	4,596,467	06/1986	Bartelt			
	CR	4,737,283	04/1988	Gresch			
	DR	5,047,651	09/1991	Wessner et al.			
	ER	5,381,210	01/1995	Hagiwara et al.			
	FR	5,424,548	06/1995	Puisto			
	GR	5,995,198	11/1999	Mizutani			
	HR	6,384,899 B1	05/2002	Den Boef			
	IR	6,762,111 B2	07/2004	Fukoda			
	JR	6,864,956 B1	03/2005	Teong et al.			
	KR	6,937,344	08/2005	Monshouwer et al.			
	LR	7,109,508 B2	09/2006	Shiraishi			
	MR	2001/0026368	10/2001	Mikami			
	NR	2002/0041373	04/2002	Littau et al.			
JL	OR	2002/0072003	06/2002	Brill et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor or Assignee Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclose	No
JL	PR	02/052350 A1	07/04/2002	PCT	Monshouwer et al.			X	
	QR	02/065545 A2	08/22/2002	PCT	Sezginer et al.			X	
	RR	0 164 165 B1	02/24/1988	European Patent Office	Van Der Werf			X	
	SR	0 467 445 B1	01/20/1999	European Patent Office	Van Den Brink et al.			X	
	TR	1 256 849 A1	11/13/2002	European Patent Office	Baselmans			X	
	UR	3-257303	11/15/1991	Japan	Keiichiro TONAI	X			
JL	VR	DD 262 510	11/30/1988	Germany	VEB Carl Zeiss Jena	X			
	WR								

## OTHER (including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

JL	XR	Ramon Navarro, et al., "Extended ATHENA™ alignment performance and application for the 100 nm technology node", Metrology, Inspection, and Process for Microlithography XV, Proceedings of SPIE, Vol. 4344 (2001)			X
	YR				

Examiner /John Lee/ (03/01/2007)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number	10/665,404
Filing Date	09/22/2003
First Named Inventor	FRANK VAN BILSEN
Art Unit	2881
Examiner Name	
Attorney Docket Number	081468-0305376

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FOREIGN PATENT DOCUMENTS						T <sup>6</sup>
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
JL		JP 2001-267211	Sep. 28, 2001	Mizutani		

Examiner Signature	/John Lee/ (02/18/2007)	Date Considered	
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Approved for use through 08/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Complete If Known**

<b>Application Number</b>	<b>10/665,404</b>
<b>Filing Date</b>	<b>09/22/2003</b>
<b>First Named Inventor</b>	<b>FRANK VAN BILSEN</b>
<b>Art Unit</b>	<b>2881</b>
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>081468-0305376</b>

Sheet	1	of	1
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Application Number	10/665,404
Filing Date	09/22/2003
First Named Inventor	FRANK VAN BILSEN
Art Unit	2881
Examiner Name	
Attorney Docket Number	081468-0305376

## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

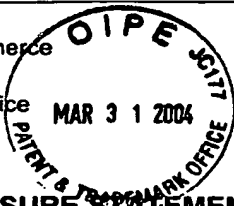
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Footnote
JL		JP 2001-267211	Sep. 28, 2001	Mizutani		

Examiner Signature	/John Lee/ (02/18/2007)	Date Considered
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Date: March 31, 2004

Page 1 of 1

Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: Frank VAN BILSEN		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	2003/0002043	01/2003	ABDULHALIM et al.			
JL	BR	5,910,847	06/1999	VAN DER WERF et al.			
JL	CR	5,674,650	10/1997	DIRKSEN et al.			
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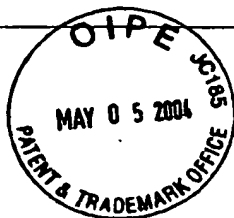
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	AAR								
	BBR								
	CCR								

Examiner /John Lee/ (02/18/2007)

Date Considered:

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Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: Frank VAN BILSEN		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: May 5, 2004

Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	6,420,791 B1	07/2002	HUANG et al.			
JL	BR	2002/0158193 A1	10/2002	SEZGINER et al.			
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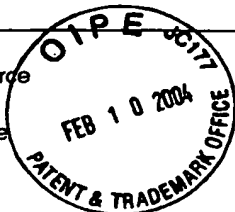
**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
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**OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR									
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Examiner	/John Lee/ (02/18/2007)	Date Considered:
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Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: VAN BILSEN et al.		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: February 10, 2004

Page 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	4,037,969	07/1977	FELDMAN et al.			
	BR	4,236,805	04/1982	FELDMAN et al.			
	CR	4,251,160	02/1981	BOUWHUIS et al.			
	DR	4,355,892	10/1982	MAYER et al.			
	ER	4,398,824	08/1983	FELDMAN et al.			
	FR	4,514,858	04/1985	NOVAK			
	GR	4,540,277	09/1985	MAYER et al.			
	HR	4,614,432	09/1986	KUNIYOSHI et al.			
	IR	4,690,529	09/1987	SUGIYAMA et al.			
	JR	4,710,026	12/1987	MAGOME et al.			
	KR	4,748,333	05/1988	MIZUTANI et al.			
	LR	4,778,275	10/1988	VAN DEN BRINK et al.			
	MR	4,814,829	03/1989	KOSUGI et al.			
	NR	4,828,392	05/1989	NOMURA et al.			
	OR	4,857,744	08/1989	KATAOKA et al.			
	PR	4,861,162	08/1989	INA			
	QR	4,870,452	09/1989	TANIMOTO et al.			
	RR	4,952,970	08/1990	SUZUKI et al.			
	SR	5,100,237	03/1992	WITTEKOEK et al.			
	TR	5,114,236	05/1992	MATSUGU et al.			
	UR	5,118,953	06/1992	OTA et al.			

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		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
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	XR									
	YR									

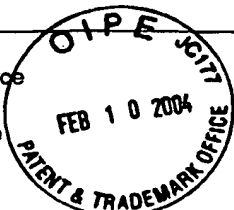
**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	ZR	Markle, D. A., "Submicron 1:1 Optical Lithography", Semi-conductor International, pp. 173-142, May 1986.				X			
	AAR								
	BBR								
	CCR								

Examiner /John Lee/ (02/18/2007)

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



Atty. Dkt. No.	M#	Client Ref.
	0305376	P-0362.010-US
Applicant: VAN BILSEN et al.		
Appln. No.: 10/665,404		
Filing Date: September 22, 2003		
Examiner:		Group Art Unit: 2881

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Date: February 10, 2004

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**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
JL	AR	5,144,363	09/1992	WITTEKOEK et al.			
	BR	5,151,754	09/1992	ISHIBASHI et al.			
	CR	5,160,849	11/1992	OTA et al.			
	DR	5,243,195	09/1993	NISHI			
	ER	5,347,356	09/1994	OTA et al.			
	FR	5,418,613	05/1995	MATSUTANI			
	GR	5,477,057	12/1995	ANGELEY et al.			
	HR	5,488,230	01/1996	MIZUTANI et al.			
	IR	5,489,986	02/1996	MAGOME et al.			
	JR	5,543,921	08/1996	UZAWA et al.			
	KR	5,559,601	09/1996	GALLATIN et al.			
	LR	5,596,204	01/1997	IRIE et al.			
	MR	5,801,390	09/1998	SHIRAISHI			
	NR	5,808,910	09/1998	IRIE et al.			
	OR	5,920,376	07/1999	BRUCKSTEIN et al.			
	PR	5,920,378	07/1999	MURAKAMI et al.			
	QR	6,034,378	03/2000	SHIRAISHI			
	RR	6,133,641	10/2000	HAMADA et al.			
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	UR	6,297,876 B1	10/2001	BORNEBROEK			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
					Enclosed	No
	VR					
	WR					
	XR					
	YR					

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

ZR						
AAR						
BBR						
CCR						
DDR						

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/665,404
		Filing Date	09/22/2003
		First Named Inventor	FRANK VAN BILSEN
		Art Unit	2881
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	081468-0305376	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JL		Australian Patent Office Search Report for Application No. SG 200305606-6, with a mailing date of June 1, 2005.	

Examiner Signature	/John Lee/ (02/18/2007)	Date Considered	
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Docket Number: 081468-0305376  
Client Reference: P-0362.010-US

PATENT APPLICATION

APPENDIX

Examiner's Initials	First Inventor	Application No.	Filing Date	Enclosed
JL	Navarro y Koren et al.	10/665,364	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment
JL	Den Boef et al.	10/665720	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment
JL	Van Haren et al.	10/665360	September 22, 2003	<input checked="" type="checkbox"/> Specification <input checked="" type="checkbox"/> Drawings <input checked="" type="checkbox"/> Other: Papers as filed including any Preliminary Amendment

The Examiner's initials indicates he/she has considered the cited application relative to the subject application.

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